

SUNSHINE AND CLOUDINESS.

The distribution of sunshine is graphically shown on Chart VII, and the numerical values of average daylight cloudiness, both for individual stations and by geographical districts, appear in Table I.

The averages for the various districts, with departures from the normal, are shown in the table below:

Average cloudiness and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England.....	6.3	+ 0.7	Missouri Valley.....	5.6	0.0
Middle Atlantic.....	5.6	+ 0.1	Northern Slope.....	5.6	+ 0.3
South Atlantic.....	4.9	+ 0.2	Middle Slope.....	4.7	+ 0.3
Florida Peninsula.....	4.1	+ 0.1	Southern Slope.....	4.2	0.0
East Gulf.....	5.6	+ 0.9	Southern Plateau.....	3.3	+ 0.3
West Gulf.....	4.7	- 0.5	Middle Plateau.....	5.4	+ 0.5
Ohio Valley and Tennessee.....	6.1	+ 0.2	Northern Plateau.....	6.8	+ 0.3
Lower Lake.....	6.3	- 0.1	North Pacific.....	7.6	+ 1.0
Upper Lake.....	5.9	0.0	Middle Pacific.....	4.3	- 0.7
North Dakota.....	6.3	+ 0.8	South Pacific.....	4.0	- 0.5
Upper Mississippi Valley.....	6.4	+ 0.9			

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 2,035 thunderstorms were received during the current month as against 1,596 in 1901 and 975 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 30th, 213; 12th, 179; 28th, 172.

Reports were most numerous from: Missouri, 153; Nebraska, 126; Mississippi, 110.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz: 19th to 27th.

In Canada: Thunderstorms were reported at Quebec, 2d, Toronto, 11th; Port Stanley, 1st, 13th; Parry Sound, 11th; Hamilton, Bermuda, 3d, 18th, 31st; Port Simpson, 26th. Auroras were reported as follows: Father Point, 24th; Port Arthur, 12th; Minnedosa, 12th; Swift Current, 31st; Prince Albert 10th.

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Amarillo, Tex.....	4	51	nw.	Mount Tamalpais, Cal..	23	50	nw.
Do.....	11	55	ne.	Do.....	24	50	nw.
Do.....	15	50	nw.	Do.....	25	72	nw.
Do.....	23	50	se.	Do.....	31	53	sw.
Do.....	25	51	sw.	New York, N. Y.....	5	50	ne.
Block Island, R. I.....	5	60	ne.	Do.....	13	51	nw.
Do.....	19	72	ne.	Do.....	18	52	nw.
Buffalo, N. Y.....	12	52	nw.	Do.....	19	74	nw.
Do.....	17	52	w.	Point Reyes Light, Cal..	2	75	nw.
Cape Henry, Va.....	19	57	nw.	Do.....	5	92	sw.
Carson City, Nev.....	12	64	nw.	Do.....	7	60	sw.
Do.....	13	50	w.	Do.....	8	63	sw.
Chicago, Ill.....	16	57	w.	Do.....	9	66	nw.
Cleveland, Ohio.....	30	56	sw.	Do.....	10	66	nw.
Denver, Colo.....	15	54	nw.	Do.....	12	74	nw.
El Paso, Tex.....	3	54	w.	Do.....	13	72	nw.
Do.....	6	55	sw.	Do.....	14	60	nw.
Do.....	14	57	sw.	Do.....	15	53	nw.
Do.....	29	50	w.	Do.....	19	66	nw.
Fort Worth, Tex.....	11	52	s.	Do.....	20	60	nw.
Huron, S. Dak.....	16	55	nw.	Do.....	21	63	nw.
Independence, Cal.....	13	56	w.	Do.....	22	60	nw.
Lexington, Ky.....	30	55	w.	Do.....	23	50	nw.
Minneapolis, Minn.....	15	50	s.	Do.....	24	55	nw.
Mount Tamalpais, Cal.....	1	71	sw.	Do.....	25	62	nw.
Do.....	2	58	sw.	Sacramento, Cal.....	2	62	s.
Do.....	8	51	sw.	St. Louis City, Iowa.....	14	52	s.
Do.....	13	80	nw.	Do.....	16	58	nw.
Do.....	14	55	nw.	Do.....	30	51	nw.
Do.....	15	55	nw.	Williston, N. Dak.....	16	60	n.
Do.....	18	56	nw.	Winnemucca, Nev.....	2	60	sw.
Do.....	21	52	nw.	Do.....	6	50	sw.

DESCRIPTION OF TABLES AND CHARTS.

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For description of tables and charts see page 570 of REVIEW for December, 1901.

TABLE I.—Climatological data for Weather Bureau Stations, March, 1902.

Table with multiple columns: Stations, Elevation of instruments, Pressure, Temperature of the air, Precipitation, and Wind. Rows include various locations such as New England, Mid. Atlantic States, S. Atlantic States, Florida Peninsula, East Gulf States, West Gulf States, Ohio Val. and Tenn., Lower Lake Region, and North Dakota.

TABLE I.—Climatological data for Weather Bureau Stations, March, 1902—Continued.

Table with columns for Stations, Elevation of instruments, Pressure, in inches, Temperature of the air, in degrees Fahrenheit, Precipitation, in inches, and Wind. Rows list various weather stations such as Upper Miss. Valley, Missouri Valley, Northern Slope, Middle Slope, Southern Slope, Southern Plateau, Middle Plateau, Northern Plateau, N. Pac. Coast Reg., and West Indies.

NOTE.—The data at stations having no departures are not used in computing the district averages. *More than one date.

TABLE II.—Climatological record of voluntary and other cooperating observers, March, 1902.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: Alabama, Arizona—Cont'd, and California—Cont'd. Each section lists various weather stations and their corresponding data for the month of March 1902.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

California—Cont'd.						Colorado—Cont'd.						Florida—Cont'd.					
Temperature. (Fahrenheit.)			Precipitation.			Temperature. (Fahrenheit.)			Precipitation.			Temperature. (Fahrenheit.)			Precipitation.		
Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Salinas	75	32	50.1	2.58		Montrose	49	4	26.0	1.39	19.8	Rockwell	86	34	64.4	5.80	
Salton *1	88	40	65.0	0.81		Moraine	61	10	36.8	0.46	4.0	St. Andrews	84	31	61.4	7.79	
San Bernardino	84	29	53.2	3.89		Parachute	61	10	36.8	0.46	4.0	St. Leo	88	37	67.2	2.34	
San Jacinto	80	30	52.0	2.31		Perrypark	59	0	34.0	0.89	7.5	Sumner	82	31	62.7	6.16	
San Jose	70	33	50.3	3.77		Rangely	74	8	41.9	1.78	4.0	Switzerland	84	30	63.0	3.45	
San Leandro	70	33	50.3	3.77		Rockyford	62	7	34.8	0.31	3.4	Tallahassee	81	34	59.6	11.06	
San Luis L. H.	70	40	50.7	3.53		Rogers Mesa	51	-10	24.8	0.80	11.5	Tarpon Springs	87	35	65.9	4.04	
San Mateo *1	78	34	51.2	2.60		Ruby	64	0	32.3	0.10	1.0	Titusville	86	40	66.2	2.73	
San Miguel Island	65	40	50.3	2.92		Russell	64	3	33.3	0.27	2.8	Waukeenhah	89	30	61.7	4.20	
Santa Barbara	77	39	54.0	2.29		Saguache	60	-1	30.8	0.43	6.8	Wausau	85	28	61.2	12.83	
Santa Barbara L. H.				1.18		Salida	58	0	31.8	1.20	14.0	Wewahitchka	82	31	58.8	11.10	
Santa Clara				3.12		Santa Clara				0.29	7.5	Georgia.					
Santa Cruz	74	31	50.0	3.23		Saynero				1.60	3.0	Adairsville	73	20	51.6	5.92	
Santa Cruz L. H.				3.32		Selbert				5.3	3.0	Albany				11.98	
Santa Maria	77	33	51.4	2.37		Sugarloaf	61	5	34.0	0.42	5.3	Allapaha				11.64	
Santa Monica	73	35	53.0	3.27		Trinidad	55	4	37.7	2.27	26.0	Allentown	79	26	57.2	8.84	
Santa Paula	85	36	56.0	3.31		Twinklakes	67	4	39.0	0.57	6.0	Alpharetta	74	19	51.3	8.27	
Santa Rosa *	72	31	53.4	4.54		Vilas				0.22	3.2	Americus	76	29	56.2	13.13	
Shasta	88	29	52.4	5.33	2.0	Wagon Wheel	54	-15	24.2	0.32	5.5	Athens b	74	23	51.4	6.06	
Sierra Madre	76	35	52.8	5.19		Walden	48	-12	23.5	1.00	14.8	Auburn a	74	21	52.4	8.07	
Snedden				2.00	14.0	Wallet				1.05	T.	Bainbridge	82	32	60.8	11.85	
Sonoma				3.90		Westlife	52	-9	28.6	1.21	16.9	Blakely	78	32	59.2	13.40	
S. E. Farallone L. H.				2.30		Whitepine	45	-18	17.2	1.55	20.5	Bowersville	75	22	49.6	6.05	
Stockton	72	36	50.4	1.85		Wray	71	9	41.1	1.05	T.	Brent	77	26	54.6	10.57	
Storey	75	32	50.5	1.66		Yuma				0.95	T.	Camak	76	26	54.6	6.78	
Summerdale	58	12	35.4	8.19	33.0	Connecticut.						Canton				4.76	
Susanville	62	14	36.4	2.56	25.0	Bridgeport	68	13	42.3	6.55	9.3	Carlton				6.50	
Tehama *1	67	38	53.5	2.90		Canton	67	10	39.0	5.38	11.0	Clayton	72	19	47.6	7.81	
Tejon Ranch	80	37	52.4	1.74		Colchester	64	20	41.8	6.09	9.0	Columbus	73	31	55.8	9.79	
Templeton *5	67	30	46.2	3.28		Falls Village	65	18	41.6	6.12	9.0	Covington	77	22	52.6	5.97	
Trinidad L. H.				6.50		Hartford b	64	16	40.5	4.89	11.0	Dahlonega	73	17	49.8	5.92	
Truckee *1	58	30	37.4	5.60	56.0	Hawleyville	65	18	41.6	6.12	9.0	Diamond	77	13	48.2	5.98	
Tulare c	90	32	53.8	2.14		Lake Kononoc				7.75		Douglas	85	29	60.4	10.25	
Ukiah	77	26	47.4	6.04		Middletown	68	12	42.6	6.01	8.5	Dublin				8.97	
Union				4.69		New London	63	23	42.0	2.22	T.	Eastman	80	28	56.34		
Upperlake	76	28	47.5	3.87		North Grosvenor Dale	68	10	42.0	5.47		Elberton	77	24	54.3	6.53	
Upper Mattole *1	69	32	44.4	13.12	T.	Norwalk	65	9	40.9	5.71	7.0	Experiment	75	23	53.6	7.66	
Vacaville *	76	37	52.5	3.57		Southington	65	10	41.4	6.45	7.0	Fitzgerald	80	30	57.8	8.42	
Ventura	79	38	55.4	3.01		South Manchester				3.58	11.0	Fleming	85	24	57.2	8.54	
Visalia	27		1.78			Storrs	66	20	40.8	6.35	6.2	Fort Gaines	78	31	57.4	10.41	
Volcano Springs *1	90	45	63.4	0.50		Voluntown	67	13	41.1	6.87	10.0	Gainesville	68	21	48.2	7.58	
Wasco	86	43	67.4	0.96		Wallingford				7.39	9.0	Gillsville	74	20	51.4	6.24	
Westpoint				6.16		Waterbury	67	10	42.0	5.56	11.0	Greenbush	74	19	50.2	6.45	
West Satecoy				2.45		West Cornwall	65	15	37.0	4.68	9.8	Griffin	78	28	53.3	7.54	
Wheatland	72	32	50.4	2.76		Winsted	63	18	39.4			Harrison	82	28	56.8	8.65	
Williams *1	74	40	54.4	2.55		Delaware.						Hawkinsville	82	28	56.3	11.09	
Willits				7.67	T.	Millford	75	19	48.2	3.15		Hephzibah	80	30	57.2	7.51	
Wilmington *1	77	40	52.7	2.29		Millsboro	72	20	45.7	3.86		Jesup	82	30	58.7	9.41	
Wire Bridge *5	75	33	50.6	4.95		Newark	74	16	43.6	4.95		Lost Mountain	74	19	52.6	6.99	
Yerba Buena L. H.				2.15		Seaford	75	20	47.1	2.98		Louisville	80	26	57.1	7.28	
Yreka	64	24	42.4	1.53		District of Columbia.						Lumpkin	78	27	57.4	9.57	
Yuba City *5	77	33	55.2	2.42		Distributing Reservoir *5	76	21	47.0	5.03		Marshallville	79	30	57.9	9.90	
Zenia				0.03	17.0	Receiving Reservoir *5	74	20	46.3	4.33		Manzy	86	29	60.4	8.83	
Colorado.						West Washington	82	17	46.0	4.11	1.6	Milledgeville	76	24	52.8	8.61	
Alford	62	5	33.0	1.60	9.0	Florida.						Millen	82	29	57.2	5.15	
Arkins				1.20	5.2	Archer	85	34	63.2	6.57		Naylor	84	33	60.4	8.40	
Ashcroft	47	-12	19.3	1.38	24.5	Avon Park	88	39	69.4	3.29		Newnan	73	21	51.6	7.71	
Blaine	77	4	42.5	1.62	4.2	Bartow	91	38	69.5	2.02		Point Peter	76	23	50.0	7.02	
Boulder	66	9	39.1	1.48	9.5	Bonifay	81	31	61.0			Poulan	84	28	58.4	9.17	
Boxelder				2.91	15.0	Carrabelle	82	35	61.8	6.34		Putnam	79	28	57.7	11.25	
Breckenridge	45	-13	18.9	1.32	21.0	Clermont	89	38	58.2	3.61		Quitman	82	30	60.0	9.12	
Buenavista				0.52	6.5	De Funiak Springs	82	29	61.1	13.62		Ramsey	73	18	51.4	6.08	T.
Canyon	69	10	40.6	3.3		Deland	88	35	66.2			Resaca				5.61	
Castlerock	67	-5	35.2	1.09	7.5	Eustis	88	38	67.04	4.56		Rome	77	21	51.5	6.42	
Cedaredge	64	-8	36.5	0.42	5.5	Federal Point	85	29	62.8	3.77		St. Marys	84	29	60.0	6.22	
Cheyenne Wells	70	1	39.7	1.92	3.0	Fernandina	81	35	60.0	5.25		Statesboro	84	28	57.8	5.67	
Clearview	47	-9	23.0	2.65	41.0	Flamingo	85	46	70.7	0.00		Stillmore	82	29	57.8	7.68	
Collbran	60	0	33.8			Fort Meade	88	35	65.8	3.28		Talbotton	76	26	56.0	9.52	
Colorado Springs	64	6	34.8	0.77	8.0	Fort Myers	88	43	68.6	0.18		Thomasville	83	34	60.8	10.16	
Delta	67	6	37.4	0.06	T.	Fort Pierce	90	44	68.4	2.95		Toccoa	75	22	49.2	5.94	
Durango	62	9	34.0	0.68	5.6	Gainesville	86	35	64.0	4.15		Valona	82	29	58.8	8.57	
Fort Collins	64	2	35.2	1.50	2.5	Holt	81	30	57.6	6.09		Vidalia	84	29	56.7	8.07	
Fort Morgan	66	2	37.8			Huntington	87	35	64.5	4.08		Washington				7.74	
Fox	76	7	39.8	0.64	T.	Inverness	89	42	70.6	1.62		Waverly	86	29	60.4	7.42	
Garnett	57	-5	27.6	T.	T.	Jasper	83	34	61.0	8.08		Waycross	80	32	58.5	9.02	
Gilman				1.32	22.0	Kissimmee	88	38	67.2	1.88		Waynesboro	80	28	56.6	4.62	
Glenn	66	2	35.0	0.97	8.0	Lake Butler	85	34	61.8	6.27		Westpoint	74	26	55.2	8.22	
Glennville				0.76		Lake City	85	35	63.0	6.83		Woodbury	76	25	54.0	7.30	
Greeley	64	3	31.8	0.16	T.	Macclenny	86	32	63.3	7.98		Alabama.					
Grover				0.17		Malabar	89	39	67.4	0.83		Albion	60	10	35.0	0.80	5.5
Gunnison	53	-23	22.8	0.46	7.2	Manatee	87	40	67.4	1.36		American Falls	59	12	34.9	0.68	
Hampis	68	-3	34.2	1.37	15.0	Maroo	86	42	71.0	0.61		Blackfoot	62	17	35.6	0.20	2.0
Hohne	70	-1	39.6	0.56	3.0	Marianna	84	32	60.2	12.38		Burnside	43	4	24.9	0.55	5.5
Holly	75	9	43.7	1.80	2.0	Merritt Island	84	40	67.6	1.05		Chesterfield	56	-8	23.4	0.82	18.0
Holyoke (near)	73	4	40.4	1.64		Miami	89	40	70.6	0.00		Downey	60	10	33.8	1.50	8.0
Husted	65	0	33.8	0.60	8.8	Micanopy	85	34	64.6	6.20		Forney	51	-10	24.0	1.92	14.5
Lake Moraine	45	-10	21.4	1.82													

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with 5 main columns: Stations, Temperature (Fahrenheit), Precipitation, Stations, Temperature (Fahrenheit), Precipitation, Stations, Temperature (Fahrenheit), Precipitation. Sub-sections include Idaho—Cont'd, Illinois—Cont'd, Indiana, Iowa—Cont'd, and Iowa Territory.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Iowa—Cont'd.</i>						<i>Kentucky—Cont'd.</i>						<i>Maryland—Cont'd.</i>					
Wilton Junction	67	0	40.0	2.67	T.	Maysville	76	10	44.1	3.20	10.1	Fallston	75	16	43.9	4.62	3.0
Winterset	79	2	41.3	1.05	T.	Mount Sterling	71	8	45.6	4.16	15.5	Frederick	76	17	46.2	4.30	10.0
Woodburn				0.92	T.	Owensboro	77	14	49.2	3.47	2.9	Grantsville	69	5	38.3	4.99	21.0
<i>Kansas.</i>						Owenton	69	9	43.4	3.26	6.0	Greatfalls	78	18	46.7	3.78	...
Abilene	80	9	47.0	0.85	T.	Paducah a				3.65	2.0	Greenspring Furnace	74 ^b	15	42.7 ^c	4.04	16.0
Achilles	78	—1	41.2	0.82	T.	Pikeville	79	16	50.7	4.04	2.0	Guard	70	9	40.8	8.74	13.0
Anthony				2.54	T.	Richmond	78	11	46.8	6.00	16.5	Hancock	73	11	43.4	4.30	18.0
Atchison	75	10	44.4	0.68	0.5	St. John	74	11	47.2	4.00	5.0	Harney				4.38	14.0
Beloit	79	5	45.6	0.52	T.	Scott	72	11	44.5	1.65	3.7	Jewell	78	18	46.4	2.66	T.
Burlington	76	11	46.7	2.67	T.	Shelby City	73	10	45.6	5.51	13.5	Johns Hopkins Hospital	77	18	46.6	4.26	...
Chanute	79	15	49.6	2.60	T.	Shelbyville	74	11	46.8	3.71	9.4	Laurel	77	18	44.2	3.71	4.0
Colby	75	3	42.3	0.81	T.	Williamsburg	77	12	48.2	6.94	6.0	McDonogh	75 ^c	8	42.7 ^d	2.89	...
Columbus	80	18	47.0	5.11	T.	<i>Louisiana.</i>						Mount St. Marys College	74	17	43.8	5.66	21.0
Delphos	83	6	46.0	0.66	T.	Abbeville	80	30	63.0	2.18	...	Newmarket	75	16	45.1	4.21	9.5
Dresden	74	0	42.0	1.18	T.	Alexandria	86	27	59.6	2.68	...	Pocomoke	72	21	47.5	1.82	...
Ellinwood	81	6	45.3	1.90	2.0	Amite	84	27	62.0	4.06	...	Princess Anne	70	20	46.8	1.96	T.
Emporia	73	12	46.2	2.90	2.8	Baton Rouge	80	39	60.8	4.36	...	Queenstown	73	22	47.2	3.33	0.5
Englewood	77	11	47.4	1.57	4.0	Burnside	83	28	62.4	4.82	...	Sharpsburg	75	12	44.3	4.16	14.0
Eureka				3.68	T.	Calhoun	78	25	54.2	8.24	...	Smithsburg b	67	18	42.1	3.05	11.5
Eureka Ranch	78	0	44.4	0.78	T.	Cameron	80	36	62.4	1.49	...	Solomons	75	20	46.2	2.69	T.
Fallriver	75	15	47.8	2.70	T.	Cheneyville	80	28	60.1	3.25	...	Sudlersville	71	20	46.4	3.30	...
Farnsworth *1	76	14	43.8	0.90	T.	Clinton	81	27	61.0	4.76	...	Takoma Park	79	17	45.4	4.55	...
Fort Leavenworth	75	9	43.2	1.21	T.	Collinston	82	26	57.6	11.45	...	Taneytown	73	16	43.8	4.82	19.0
Fort Scott	76	15	46.2	3.95	1.0	Covington	85	28	62.9	4.72	...	Van Bibber	72	18	45.4	4.79	...
Frankfort	81	7	45.9	1.89	0.2	Donaldsonville	88	30	63.8	4.70	...	Westernport	68	13	41.8	3.89	15.0
Fredonia	75	15	48.4	3.09	...	Ennis	80	32	61.8	2.88	...	Woodstock	74	17	46.8	3.82	2.5
Garden City	78	10	44.5	2.46	2.0	Farmerville	80	21	53.6	14.94	...	<i>Massachusetts.</i>					
Gove *1	78	10	43.8	0.67	...	Franklin	86	30	63.2	4.78	...	Amherst	65	16	40.9	5.47	9.5
Grenola	75	15	47.3	2.84	T.	Grand Coteau	81	30	62.0	2.60	...	Bedford	65	18	41.4	5.55	10.0
Hanover	80	7	44.4	0.81	...	Hammond	83	28	62.6	4.05	...	Bluehill (summit)	66	22	41.2	6.75	11.0
Harrison	78	3	44.2	0.65	0.1	Houma	86	30	64.0	4.65	...	Cambridge	68	19	43.0	6.40	...
Horton	75	8	44.0	1.14	1.0	Jeanerette	83	29	65.4	3.14	...	Chestnut Hill	68	18	43.4	5.27	11.0
Hoxie	75	1	42.4	0.80	T.	Jennings	81	27	60.8	2.39	...	Chocomaet				6.17	6.0
Hutchinson	80	7	44.8	2.02	4.0	Lafayette	80	27	61.6	2.57	...	Concord	68	15	41.2	5.02	7.6
Independence	75	22	48.8	2.95	T.	Lake Charles	83	31	61.6	2.37	...	East Templeton *1	61	20	37.9	3.81	10.0
Jetmore	77	7	42.9	1.90	2.0	Lake Providence	85	27	57.9	12.11	...	Fallriver	64	25	41.8	5.50	3.5
Lakin	77	11	45.1	1.66	4.0	Lakeside	81	34	62.6	1.35	...	Fitchburg *1	63	23	39.6	5.25	9.5
Lawrence	72	10	44.8	2.86	1.5	Lawrence	83	36	59.8	4.15	...	Fitchburg b	66	22	41.3	5.23	9.0
Lebanon	75	15	43.0	1.00	...	Liberty Hill	83	24	58.2	7.39	...	Framingham	68	13	43.5	6.45	...
Lebo	74	11	45.8	2.47	2.0	Manfield	83	25	56.3	6.22	...	Groton	65	18	40.6	4.53	10.5
Leoti	76	7	42.7	0.92	T.	Mansfield	83	26	61.2	4.40	...	Hyannis				6.61	0.5
Little River	82	6	46.5	1.23	2.0	Minden	85	28	58.1	5.51	...	Jefferson				5.36	11.0
Macksville	79	7	44.8	1.58	2.0	Monroe	80	31	58.0	8.33	...	Lawrence	64	17	42.3	6.66	11.0
McPherson	82	6	46.5	1.91	2.5	New Iberia	79	32	63.3 ^c	3.70	...	Leominster				5.13	9.9
Madison	74	11	46.4	3.22	...	Oxford	79 ^d	25 ^d	64.7 ^d	5.96	...	Lowell a	68	19	43.1	5.28	...
Manhattan	81	10	47.0	1.37	0.3	Paincourtville	84	30	61.6	5.30	...	Lowell b	66	16	42.6	...	...
Marion	76	10	47.1	1.45	2.5	Plain Dealing	85	29	56.3	5.74	...	Ludlow Center	63	6	37.7	4.30	...
Medicine Lodge	80	17	48.7	2.04	T.	Rayne	87	30	63.3	2.73	...	Middleboro	65	16	41.0	5.82	4.2
Minneapolis	82	6	46.3	1.02	T.	Reserve	82	32	63.1	3.35	...	Monson	65	11	40.6	5.46	10.0
Moran	75	13	47.0	2.35	2.0	Robelin *	82	25	57.0	8.00	...	New Bedford a	68	20	40.6	6.91	1.0
Mounthope *1	78	17	46.4	1.63	T.	Ruddock	84	34	63.4	1.50	...	Plymouth *1	65	27	41.7	7.82	5.0
Ness City	78	10	47.1	1.62	0.5	Ruston	81	27	58.3	9.73	...	Princeton				4.84	11.0
Newton	78	9	47.6	2.16	5.0	Schriever	89	28	62.8	4.12	...	Provincetown	64	27	41.8	6.35	2.0
Norwich	79	13	47.6	2.42	T.	Southern University				2.42	...	Somerset *1	78	22	43.0	6.44	6.5
Oberlin				1.60	...	Sugar Ex. Station	83	36	62.5	4.16	...	Springfield Armory	66	15	41.8	4.74	7.0
Olathe	72	10	44.8	2.54	2.0	Sugartown	86	30	60.4	2.95	...	Sterling				5.12	7.0
Oasge City	75	11	45.9	2.25	1.0	Venice	81	40	63.4	5.66	...	Taunton c	65	13	40.6	5.72	...
Oawego	80	17	49.0	5.06	T.	Wallace	84	30	63.8	3.15	...	Webster				6.63	12.2
Ottawa	76	11	45.6	2.74	T.	White Sulphur Springs	82	26	60.4	4.80	...	Westboro	66	23	43.6	4.02	9.0
Phillipsburg	77	3	42.8	0.95	T.	<i>Maine.</i>						Weston	65	14	41.5	5.35	10.5
Rome	80	17	48.8	2.14	T.	Bar Harbor	60	7	38.4	14.37	17.5	Williamstown	60	11	38.2	3.56	13.5
Salina	82	7	46.9	1.05	1.0	Belfast	63	7	37.2	12.70	18.0	Winchendon				4.88	16.0
Sedan	77	17	48.6	4.69	T.	Bemis	44	8	29.6	4.82	20.0	Worcester	68	19	41.9	3.75	10.5
Seneca	78	7	44.9	1.36	0.5	Calais	54	—1	34.6	10.06	15.0	<i>Michigan.</i>					
Toronto	75	13	45.3	3.22	T.	Carmel	58	—2	37.4	10.97	5.0	Adrian	66	10	39.8	2.54	0.5
Ulysses	78 ^d	6 ^d	44.8 ^d	2.10	3.0	Cornish	63	15	38.8	8.10	12.8	Agricultural College	69	5	38.0	3.16	0.5
Valley Falls	73	9	46.2	0.52	0.8	Fairfield	65	7	37.6	7.76	6.0	Alma	68	8	38.1	4.09	T.
Viroqua	79	6	44.4	2.02	2.0	Farmington	63	5	37.4	8.43	13.0	Ann Arbor	68	8	38.8	2.69	T.
Wallace				0.49	0.5	Fort Fairfield	55	—5	32.9	2.92	6.0	Aunepere	65	8	38.5	1.30	2.0
Wamego *1	79	9	45.1	1.12	T.	Gardiner	63	13	39.2	10.33	4.5	Arbela	65	6	37.8	3.77	1.0
Winfield	73	16	48.6	3.34	...	Kineo	48	0	32.2	4.73	15.0	Baldwin	65	1	40.2	4.43	2.0
Yates Center	74	15	48.2	2.98	2.0	Lewiston	67	10	39.0	8.96	13.8	Ball Mountain	67	7	38.7	1.88	1.5
<i>Kentucky.</i>						Mayfield	58	9	35.7	9.50	12.0	Baraga	59 ^d	—44	30.4 ^d	0.40	4.0
Alpha	78	15	49.3	9.68	5.5	North Bridgton	65	9	38.0	8.21	14.0	Battlecreek	68	5	39.6	3.09	1.0
Anchorage	75	11	46.2	2.13	7.0	Orono	62	2	36.8	8.89	14.0	Bay City	68	6	38.2	6.09	1.0
Berea	73	10	47.0	5.05	11.5	Rumford Falls	62	12	36.0	3.12	14.0	Benzonia	64	6	36.7	3.19	10.0
Blandville	72	15	48.0	3.54	0.5	Winslow	65	5	37.0	8.90	9.0	Berlin	68	8	37.0	2.43	0.7
Bowling Green	80	14	50.4	6.18	T.	<i>Maryland.</i>						Berrien Springs	69	8	39.9	4.32	7.5
Burnside	82	13	47.1	6.95	4.5	Annapolis	78	25	47.8	3.95	...	Big Rapids	65	1	36.0	4.39	1.0
Carrollton	72	12	45.8	1.26	T.	Bachuanas Valley	63	15	41.4	4.56	10.0	Birmingham	67 ^e	10 ^e	40.5 ^e	2.42	0.5
Catlettsburg	75	9	45.2	3.03	12.0	Bootherville	76	12	43.2	4.80	18.0	Boon	80	—1	33.6	3.99	17.7
Centertown	77	14	48.0	3.37	4.0	Boonsboro	74	14	44.6	3.91	13.0	Calumet	55	—4	33.0	1.65	12.0
Earlington	76	15	47.7</														

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: Michigan-Cont'd, Minnesota-Cont'd, and Missouri-Cont'd. Each section lists various weather stations and their corresponding monthly data for temperature (Maximum, Minimum, Mean) and precipitation (Rain and melted snow, Total depth of snow).

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with 15 columns: Stations, Temperature (Fahrenheit), Precipitation, Stations, Temperature (Fahrenheit), Precipitation, Stations, Temperature (Fahrenheit), Precipitation. Rows include locations like Los Lunas, Mesilla Park, and various stations in New York, North Carolina, and North Dakota.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.							
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.						
<i>Ohio—Cont'd.</i>						<i>Oregon—Cont'd.</i>						<i>Pennsylvania—Cont'd.</i>											
Norwalk	72	10	40.0	Ins.	1.5	Government Camp	48	15	31.2	10.27	74.0	Pocono Lake	64	4	35.6	Ins.	5.63	Point Pleasant	70	21	46.4	3.28	12.5
Oberlin	71	10	40.6	2.68	0.6	Grants Pass	71	22	45.1	2.35	4.5	Pottstown	70	21	46.4	3.52	5.49	Pottsville	73	14	43.2	4.90	13.0
Ohio State University	68	10	41.7	2.48	0.2	Harc	60	32	42.9	17.71	2.0	Quakertown	73	14	43.2	4.90	3.00	Reading ²	70	8	39.8	2.41	6.5
Orangeville	70	10	40.8	2.02	T.	Heppner	63	24	42.7	1.46	0.8	Renovo	70	8	39.8	2.41	13.0	Saegerstown	65	8	37.8	2.39	4.16
Ottawa	70	9	41.4	3.58	T.	Hood River (near)	61	27	43.1	3.61	5.0	St Marys	70	8	39.8	2.41	4.56	Saltsburg	72	13	43.2	5.08	17.0
Pataskala	69	9	41.9	3.24	3.5	Huntington	67	18	44.2	0.86	15.5	Selinsgrove	72	13	43.2	3.59	3.50	Shawmont	76	4	41.8	7.50	24.8
Philo	73	10	42.9	2.18	11.0	Jacksonville	68	23	44.4	2.14	T.	Smiths Corners	76	4	41.8	7.50	13.0	Somerset	68	11	40.8	4.06	18.4
Plattsburg	69	8	42.1	2.12	1.0	Joseph	58	13	32.0	1.88	T.	South Eaton	64	11	39.6	4.91	16.0	State College	64	11	39.6	4.91	6.0
Pomeroy	82	6	45.0	3.40	12.7	Junction City *1	68	34	46.2	3.17	T.	Sunbury	76	20	43.5	4.02	14.4	Swarthmore	68	8	39.8	4.07	12.0
Portsmouth a				3.58	14.0	Kerby	69	25	43.2	5.57	1.0	Towanda	68	8	39.8	4.07	22.0	Trautman	74	13	44.2	5.66	0.5
Portsmouth b	76	12	47.5	3.45	14.0	Klamath Falls	69	10	38.6	0.50	3.5	Uniontown	74	13	44.2	5.66	0.5	Warren	60	8	35.2	1.36	12.0
Pulse				1.90	8.0	Lafayette *1	65	34	45.5	4.63	T.	Wellsboro	68	12	39.9	2.67	12.0	West Chester	75	17	43.8	4.65	16.0
Red Lion				2.54	2.0	Lagrange	58	18	38.8	1.83	1.5	West Newton	74	17	43.8	2.81	8.0	Westtown	74	16	41.2	3.19	18.0
Richfield				2.75	2.0	Lakeview	58	14	33.4	1.41	2.5	Williamsport	65	7	40.8	4.05	14.8	York	74	17	43.6	4.80	17.5
Richwood	75	9	42.4	3.03	11.2	McMinville	64	29	44.8	7.00	13.0	<i>Rhode Island.</i>											
Ripley	65	10	42.6	3.03	6.0	Merlin *1	70	26	47.6	0.74	1.5	Bristol	60	26	41.3	5.32	7.5	Kingston	64	19	40.0	7.29	7.5
Rittman	71	11	42.1	3.20	2.0	Monroe	62	30	44.1	7.96	1.5	Pawtucket	65	22	42.5	5.93	7.5	Providence a	67	26	43.8	5.71	8.0
Rock				3.63	6.0	Mount Angel	66	31	45.0	5.89	1.5	Providence c	66	22	42.0	6.05	10.0	<i>South Carolina.</i>					
Rockyridge	73	7	41.5	2.70	1.5	Nehalem				16.15	2.0	Aiken	79	25	55.9	5.32	4.28	Allendale	76	29	56.7	4.28	4.93
Shenandoah	71	9	40.2	2.25	5.0	Newberg	66	27	44.6	6.62	0.8	Anderson	75	25	52.3	4.93	4.38	Barksdale	75	17	51.0	4.38	6.62
Sidney	69	9	42.7	2.61	1.7	Newport	57	32	44.7	12.78	2.5	Batesburg	79	24	53.4	6.62	4.34	Beaufort	80	31	58.1	4.34	4.98
Somerset	73	10	44.3	1.68	4.2	Pendleton	68	31	48.7	0.59	2.5	Blackville	84	27	56.2	4.98	3.38	Bowman	82	27	56.8	3.38	6.20
Springfield				2.92	2.0	Pine	64	10	38.6	0.69	1.0	Calhoun Falls	79	24	53.4	6.62	3.69	Camden	80	21	52.4	2.84	2.62
Strongsville				2.74	2.0	Placer				3.54	3.5	Cheraw a	80	21	52.4	2.84	4.70	Cheraw b	76	22	49.6	4.70	3.25
Swanton				2.69	17.0	Riddles *1	72	33	44.9	3.68	1.5	Clemson College	76	22	49.6	4.70	1.90	Conway	82	25	55.0	3.25	5.52
Thurman	75	6	45.6	4.10	17.0	Salem b	61	30	45.0	6.00	1.5	Darlington	81	22	54.0	1.90	3.38	Duewest	75	25	53.3	5.52	3.38
Tiffin	69	11	41.2	3.39	2.0	Sheridan *1	56	33	45.6	6.50	2.0	Edisto				3.38	3.58	Effingham	78	24	53.7	1.98	5.24
Upper Sandusky	70	10	42.1	3.33	T.	Silverlake	60	6	34.0	0.25	1.0	Florence	78	22	51.3	5.24	6.00	Gaffney	78	22	51.3	5.24	4.71
Urbana	67	9	40.4	2.62	0.8	Silverton *1	56	38	46.9	5.12	2.5	Georgetown	83	26	58.9	6.00	4.71	Gillisonville	86	21	56.8	4.71	4.52
Vickery	70	10	40.0	2.75	1.0	Siskiyou *1	62	27	37.2	4.20	1.0	Greenville	75	19	47.6	4.52	5.59	Greenwood	76	23	51.8	5.59	3.12
Walnut				2.43	4.4	Smock	55	25	39.9	0.54	2.5	Heath Springs	74	19	51.5	3.12	2.60	Kingstree b				2.60	4.38
Warren	71	10	40.9	1.72	3.0	Sparta	51	13	33.0	1.30	1.5	Liberty	76	23	51.5	4.38	4.43	Little Mountain	81	23	54.0	4.43	4.67
Warsaw	71	3	41.0	3.20	2.7	Springfield *1	63	36	45.6	3.84	1.5	Longshore	79	22	53.4	4.67	3.79	Lugoff	81	23	54.6	3.79	3.50
Wauseon	70	9	39.8	4.96	15.0	Stafford	64	29	44.2	6.39	2.0	Pinopolis *1	78	30	57.1	3.50	3.27	St. Stephens				3.27	3.65
Waverly	75	4	43.8	3.25	15.0	The Dalles	65	26	45.4	0.52	0.8	Santuck	78	20	52.2	3.65	6.01	Selverly	80	22	54.7	6.01	4.83
Waynesville	70	10	42.8	2.25	T.	Toledo	65	29	45.1	14.69	0.05	Smiths Mills	80	24	54.0	2.43	5.02	Society Hill	77	21	50.6	5.02	3.21
Wellington	71	11	40.8	2.57	2.0	Umatilla				0.05	1.5	Sparksburg	83	24	56.6	3.21	3.29	Statesburg	84	28	56.8	3.29	2.90
Westerville	68	10	39.0		1.0	Vale	60	13	39.8	0.80	2.0	Summerville	79	25	56.4	2.90	3.13	Temperance	80	25	53.4	3.13	7.19
Willoughby				1.66	1.0	Westfork *1	66	28	44.6	2.70	0.8	Trenton	78	25	54.1	7.19	3.20	Trial	77	18	51.9	3.20	4.75
Wooster	69	9	41.3	2.99	8.2	Weston	63	24	40.7	1.19	0.8	Walhalla	77	19	48.9	4.75	2.83	Winnboro	78	22	53.6	2.83	4.12
Zanesville				2.57	8.2	Williams	69	26	45.5	2.76	T.	Yorkville	79	23	54.4	4.12	12.0	Aberdeen	60	-10	30.4	2.82	6.0
<i>Oklahoma.</i>						<i>Pennsylvania.</i>						<i>South Dakota.</i>											
Ames	80	19	50.6	2.51	4.0	Aleppo	72	5	43.2	4.46	17.0	Aberdeen	60	-10	30.4	2.82	6.0	Academy	70	-7	35.4	1.90	4.5
Arapaho	80	13	52.0	3.50		Altoona	66d	9	39.4	3.96	8.7	Alexandria	73	-8	36.4	1.01	2.0	Armour	74	-5	36.7	2.00	17.5
Beaver	76	11	47.4	1.05		Athens	68	15	39.2	3.41	6.8	Bad Nation	61	-7	36.4	1.09	5.0	Bowdle	66	-15	29.3	1.52	3.4
Blackburn	78	20	50.6	4.49		Beaver Dam				2.99		Bowling	66	-15	29.3	1.52	2.07	Chamberlain	69	-7	35.3	1.64	2.8
Burnett	81	22	52.7	3.57		Brookville				3.64	6.8	Clark	70	-9	33.6	2.17	16.0	Desmet	64	-9	33.6	2.17	16.0
Chandler	81	23	52.8	3.91		Browsers Lock				3.80													
Clifton	81	21	51.9	4.12		California	72	2	43.4	3.58	17.2												
Cloud Chief	80	18	51.6	4.83		Cassandra	63	9	38.8	3.75	25.5												
Fort Reno	80	20	51.8	4.52		Clarion				3.70	3.9												
Fort Sill	81	25	53.6	3.05		Coatesville	76	17	44.3	5.00	11.0												
Guthrie	79	20	50.2	6.16		Confluence				4.44	14.3												
Hennessey	80	15	52.6	3.44	T.	Derry Island Dam				3.49													
Jefferson	82	15	49.6	2.52	T.	Derry Station	74	8	41.9	4.00	15.0												
Jenkins	81	16	50.9	4.23	1.5	Doylestown				6.16													
Kenton	78	11	43.2	1.20	T.	Driftwood	66	10	40.9	4.60	12.0												
Kingfisher	79	20	51.2	5.93	T.	Duncannon				3.82	1.0												
Mangum	80	30	53.6	2.40		Dushore	65	12	37.4	5.66	21.2												
Newkirk	77	19	49.0	3.22		Dyberry	65	14	37.8	2.98	12.0												
Norman	83	20	51.8	4.06		East Bloomsburg				1.65	0.2												
Pawhuska	79	20	50.0	4.65		East Mauch Chunk	72	13	41.9	4.89	11.5												
Perry	80	16	50.6	4.23		Easton	71	16	43.2	3.37	10.1												
Shawnee	80	23	52.8	4.78		Elwood Junction				3.48	3.0												
Stillwater	79	20	51.5	5.03		Emporium	64	8	40.1	3.78	3.2												
Taloga	78	19	48.8	2.79	T.	Ephrata	71	17	43.4	3.68	13.0												
Waukomis	79	20	50.9	3.21	T.	Everett	70	13	38.6	4.84	22.0												

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.							
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.						
<i>South Dakota—Cont'd.</i>						<i>Texas—Cont'd.</i>						<i>Utah—Cont'd.</i>											
Doland	66	-9	33.4	1.83	7.9	Arthur	84	28	61.0	4.13	0.90	Corinne	66	12	36.8	1.11	T.	Coyote	60	-1	31.0	0.95	9.5
Elkpoint	75	-4	40.2	1.62	3.0	Austin a	85	25	59.7	...	...	Deseret	66	10	37.0	0.82	13.0	Emery	54	12	33.0	0.10	1.0
Farmingdale	61	-10	30.1	2.47	8.2	Austin b *5	84	29	56.6	0.75	0.75	Farmington	56	18	36.8	1.73	15.0	Fillmore	69	10	38.6	2.59	...
Faulkton	65	-9	35.0	2.47	1.8	Bastrop	90	28	64.0	0.67	0.67	Fort Duchesne	50	9	35.0	0.14	1.4	Frisco	59	11	34.0	0.72	...
Flandreau	70	-10	34.4	1.57	9.0	Beaumont	82	30	62.2	2.86	2.86	Giles	63	10	39.1	0.41	3.0	Government Creek	57	10	34.2	1.50	15.0
Forestburg	62	-8	33.4	5.53	34.3	Beeville	93	47	67.6	0.09	0.09	Green River	66	22	44.2	0.08	0.8	Grover	59	10	33.5	1.55	15.5
Fort Meade	77	-6	40.8	2.37	0.5	Big Spring	88	20	57.8	T.	T.	Heber	58	10	32.6	1.46	6.0	Hefner	57	1	32.8	1.86	15.0
Fort Randall	73	-8	35.7	2.54	4.0	Boerne *1	90	32	60.6	1.21	1.21	Hite	69	24	47.0	...	1.82	Huntsville	60	17	37.2	0.10	1.0
Gannaway	60	-15	30.6	1.36	15.0	Bowie	87	25	55.9	4.20	4.20	Kelton *1	60	17	37.2	0.10	1.0	Lasal	54	8	31.4	1.87	18.7
Grand River School	75	-3	38.5	1.90	3.7	Brazoria	82	32	63.8	1.49	1.49	Levan	54	12	33.3	2.41	21.9	Lea	56	-5	24.0	1.50	15.0
Greenwood	68	-10	33.4	1.08	2.7	Brenham	87	37	62.4	1.78	1.78	Logan	55	8	34.6	2.53	...	Lund	62	13	34.9	0.53	6.0
Hartman	67	-8	34.4	1.60	6.7	Brighton	85	38	65.2	0.27	0.27	Manti	54	11	33.0	1.50	6.0	Marysville	60	3	33.2	1.02	10.2
Hotch City	68	-5	34.4	1.36	6.1	Burnet	98	26	62.2	4.12	4.12	Meadowville	47	0	27.6	1.00	15.0	Millville	62	4	35.8	1.22	12.0
Howard	63	-10	31.7	2.45	4.7	Camp Eagle Pass	92	41	68.4	T.	T.	Minersville	68	18	42.8	0.91	1.0	Moab	58	7	36.4	0.40	3.0
Howell	59	-11	30.0	3.25	6.5	Coleman	90	30	58.4	1.79	1.79	Mount Nebo	55	11	33.0	1.06	10.0	Mount Pleasant	58	12	36.8	1.15	4.5
Kimball	67	-8	34.3	1.85	5.3	College Station	80	34	61.0	1.79	1.79	Ogden	43	2	24.3	4.04	40.0	Park City	63	3	34.6	1.83	20.3
Leola	58	-15	28.0	3.54	8.5	Colorado	88	21	54.7	0.41	0.41	Pawson	59	-6	30.0	2.66	25.0	Pinto	56	20	39.0	0.50	5.0
Leslie	67	-10	33.4	2.60	...	Columbia	83	31	64.2	1.17	1.17	Provo	64	14	38.2	1.30	...	Promontory *1	59	6	30.0	0.50	5.0
Marion	70	-4	34.6	0.86	...	Comanche	85	29	57.8	1.05	1.05	Rauch	50	1	24.6	6.06	...	St. George	58	14	36.0	1.35	6.5
Mellette	62	-9	33.0	1.82	3.0	Corsicana	90	32	61.0	2.30	2.30	St. George	73	18	44.4	1.35	T.	Scipio	59	11	35.8	2.25	14.0
Menno	70	-6	37.2	1.03	3.8	Cottulla	89	39	61.0	T.	T.	Soldier Summit	48	-9	22.4	0.80	8.0	Sterling	63	15	38.8	2.00	20.0
Millbank	70	-8	34.4	1.37	...	Cuero	83	32	64.4	0.25	0.25	Thistle	63	15	38.8	2.00	20.0	Tonoloway	58	16	36.6	1.19	...
Mitchell	71	-6	35.4	1.37	2.5	Dallas	94	29	58.8	3.37	3.37	Vernal	58	10	35.6	0.86	3.5	Virgin	56	3	33.1	1.06	10.5
Oelrichs	67	-5	34.4	2.30	5.0	Danevang	85	33	64.2	0.70	0.70	Wellington	56	3	33.1	1.06	10.5	Burlington	60	14	38.0	2.82	5.5
Pedro	70	-10	36.9	2.08	T.	Dublin	89	27	56.0	0.95	0.95	Chelsea	59	10	33.2	5.15	20.0	Chelsea	60	14	37.0	3.83	7.0
Pine Ridge	65	-11	35.4	1.48	...	Duval	87	32	60.2	1.26	1.26	Cornwall	60	14	37.0	3.83	7.0	Enosburg Falls	67	-1	34.2	4.81	9.0
Plankton	68	-8	34.0	1.96	2.5	Estelle	95	26	58.0	4.10	4.10	Hartland	57	3	36.8	5.27	...	Jacksonville	60	10	36.8	5.20	27.7
Redfield	64	-9	32.1	1.34	6.5	Fort Brown	95	40	69.2	0.00	0.00	Manchester	61	15	37.1	1.74	8.0	Manchester	61	15	37.1	1.74	8.0
Rochford	55	-9	26.8	2.58	19.3	Fort Clark	95	32	66.1	1.11	1.11	Norwich	58	5	35.8	5.20	16.0	St. Johnsbury	64	2	36.3	4.16	10.5
Rosebud	67	-9	35.2	0.48	0.9	Fort Davis	75	25	52.3	0.02	0.02	Wells	58	12	35.1	3.60	10.0	Wells	58	12	35.1	3.60	10.0
St. Lawrence	69	-10	32.8	1.41	...	Fort Ringgold	108	34	76.0	T.	T.	Woodstock	52	2	33.3	3.97	21.0	Alexandria	78	19	46.9	3.65	1.0
Silver City	67	-8	35.1	1.35	5.5	Fredericksburg	89	22	59.4	3.02	3.02	Ashland	78	17	50.8	1.66	...	Bedford	75	19	48.4	3.86	1.0
Sioux Falls	62	-11	31.5	1.01	4.3	Gainesville	87	22	55.3	4.14	4.14	Burlington	60	14	38.0	2.82	5.5	Bigstone Gap	74	9	46.3	6.25	6.0
Siseton Agency	73	-4	37.2	1.04	4.9	Georgetown *1	86	31	59.4	1.48	1.48	Chelsea	59	10	33.2	5.15	20.0	Birdanest	74	9	46.3	6.25	6.0
Tyndall	70	-4	38.2	0.99	3.0	Grapevine	95	25	57.8	8.81	8.81	Cornwall	60	14	37.0	3.83	7.0	Blacksburg	70	13	42.2	3.42	2.0
Vermilion	60	-13	30.4	1.34	4.5	Greenville	86	18	62.0	0.50	0.50	Enosburg Falls	67	-1	34.2	4.81	9.0	Bonair	77	15	48.8	2.54	...
Waubay	70	-8	35.4	0.88	3.3	Hale Center	73	18	62.0	0.50	0.50	Hartland	57	3	36.8	5.27	...	Burkes Garden	64	8	40.0	5.08	6.0
Westworth	65	-10	32.4	2.65	9.5	Hallettsville	86	29	65.0	0.87	0.87	Jacksonville	60	10	36.8	5.20	27.7	Callville	75	18	48.7	2.59	...
Wesington Springs	65	-10	32.4	2.65	9.5	Haskell	85	25	55.0	3.91	3.91	Manchester	61	15	37.1	1.74	8.0	Charlottesville	80	17	48.6	3.51	4.0
Wolsey	77	13	48.2	7.78	2.0	Henrietta	85	24	55.0	3.91	3.91	Norwich	58	5	35.8	5.20	16.0	Clarksville	74	9	43.8	1.20	...
<i>Tennessee.</i>						<i>Virginia.</i>						<i>Virginia.</i>											
Andersonville	77	17	50.9	7.40	2.0	Hewitt	87	35	63.4	1.13	1.13	Ashland	78	17	50.8	1.66	...	Clifton Forge	74	9	43.8	1.20	...
Ashwood	77	17	50.9	7.40	2.0	Hondo	87	35	63.4	1.13	1.13	Burlington	60	14	38.0	2.82	5.5	Columbia	81	16	49.7	2.70	1.0
Benton	74	22	50.2	8.43	...	Houston	87	33	60.5	3.14	3.14	Chelsea	59	10	33.2	5.15	20.0	Dale Enterprise	74	9	43.0	4.86	18.0
Bolivar	74	22	50.2	8.43	...	Huntsville	83	35	60.5	3.14	3.14	Cornwall	60	14	37.0	3.83	7.0	Danville	76	20	49.6	2.72	1.0
Bristol	72	10	46.0	8.88	2.0	Ira	89	22	54.8	T.	T.	Enosburg Falls	67	-1	34.2	4.81	9.0	Freeling	65	9	43.9	5.48	3.5
Byrdstown	75	13	49.1	7.92	4.5	Jacksonville	83	31	59.6	3.81	3.81	Hartland	57	3	36.8	5.27	...	Graham's Forge	70	23	45.0	3.37	2.1
Carthage	76	16	49.8	7.58	1.5	Jasper	85	30	62.8	3.21	3.21	Jacksonville	60	10	36.8	5.20	27.7	Hampton	73	20	50.0	1.48	...
Charleston	75	15	50.2	6.56	1.0	Junction	86	29	59.1	0.52	0.52	Manchester	61	15	37.1	1.74	8.0	Hot Springs	73	11	42.5	3.63	10.0
Clarksville	75	15	50.2	6.56	1.0	Kaufman	88	29	59.1	2.53	2.53	Norwich	58	5	35.8	5.20	16.0	Lexington	74	18	46.1	2.99	5.0
Clinton	85	16	50.0	7.07	1.7	Kent	86	25	59.0	2.41	2.41	St. Johnsbury	64	2	36.3	4.16	10.5	Lincoln	76	15	44.8	3.46	8.0
Decatur	75	13	49.4	6.00	1.0	Kerrville	86	25	59.0	2.41	2.41	Wells	58	12	35.1	3.60	10.0	Newport News	75	20	52.6	2.10	...
Dickson	78	17	50.4	7.47	1.7	Kopperl	86	25	59.0	2.41	2.41	Woodstock	52	2	33.3	3.97	21.0	Petersburg	81	17	50.9	2.60	T.
Dover	74	10	46.8	3.55	3.0	Laupases	94	25	60.3	1.77	1.77	Quantico	79	18	48.2	...	2.20	Radford	76	18	48.4	2.88	2.3
Elizabethton	76	14	46.4	9.83	1.8	Laureles Ranch	83	36	61.0	0.00	0.00	Riverton	76	18	48.4	2.88	2.3	Salem	76	15	44.8	2.83	2.0
Erasmus	73	16	50.1	9.53	3.0	Llano *6	83	36	61.0	1.13	1.13	Roanoke	76	18	48.4	2.88	2.3	Shenandoah	75	19	50.0	1.81	8.0
Florence	74	18	50.4	9.89	2.0	Longview	82	27	55.0	3.59	3.59	Salem	76	15	44.8	2.83	2.0	Speers Ferry	75	19	50.0	1.81	8.0
Franklin	80	18	53.0	10.90	2.0	Luling	89	26	64.0	0.37	0.37	Stanardsville	73	12	45.3	2.61	13.0	Staupont	73	12	45.3	2.61	13.0
Grace *1	73	12	47.9	4.52	1.2	Mann	89	30	58.8	2.70	2.70	Staupont	73	12	45.3	2.61	13.0	Stephens City	75	13	45.4	4.75	18.0
Greenville	76	15	48.2	9.68	1.0	Menardville	91	26	57.2	0.00	0.00	Warsaw	77	16	47.0	2.13	...	Warsaw	77	16	47.0	2.13	...
Harriman	77	18	50.8	11.24	...	Mount Blanco	80	17	50.6	0.02	0.02	...	...								

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with multiple columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into sections for Virginia, West Virginia, Wisconsin, Cuba, and various other regions. Each station entry includes maximum, minimum, and mean temperatures, along with rain and total depth of snow/precipitation.

Late reports for February, 1902.

Summary table of late reports for February 1902, listing stations like Fort Egbert, Fort Liscum, and others, with their respective temperature and precipitation data.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		hours of observation from which the mean temperature was obtained, thus: ¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4 ² Mean of 8 a. m. + 8 p. m. + 2 ³ Mean of 7 a. m. + 7 p. m. + 2 ⁴ Mean of 6 a. m. + 6 p. m. + 2 ⁵ Mean of 7 a. m. + 2 p. m. + 2 ⁶ Mean of readings at various hours reduced to true daily mean by special tables. The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers. An italic letter following the name of a station, as "Livingston a," "Livingston b," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "a" denotes 14 days missing.
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Ohio.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>	<i>Virginia.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>	
Bethany.....	55	- 5	23.2	1.14	.....	Farmville.....	44	4	30.2	2.25	10.0	
Hillsboro.....	55	- 3	22.6	0.36	.....	<i>Porto Rico.</i>						
Thurman.....	59	0	25.9	1.12	0.8	Juana Diaz.....	90	61	77.2	0.21		
Van Wert.....	57	-10	19.9	.....	.....	San Lorenzo.....	90	55	74.9	0.28		
<i>Oregon.</i>						Vieques.....	88	67	77.0	1.75		
Pine.....	53	24	34.8	4.18	3.0							
<i>Pennsylvania.</i>												
Athens.....	50	- 2	22.8	1.89	7.8							
<i>Tennessee.</i>												
Dover.....	60	5	29.6	.....	.....					
<i>Texas.</i>												
Fort Clark.....	86	24	56.1	0.35	.....						

EXPLANATION OF SIGNS.

*Extremes of temperature from observed readings of dry thermometer.
 A numeral following the name of a station indicates the

CORRECTIONS.

February, 1902, Ohio, Cedarville, make total precipitation 1.05 instead of 1.35.
 February, 1902, page 89, under head of maximum wind velocities, make Red Bluff read Sacramento.
 NOTE.—The following changes have been made in names of stations: Lyons, Okla., changed to Ames.

TABLE III.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of March, 1902.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>							<i>Upper Mississippi Valley.</i>						
Eastport, Me.	22	18	15	15	n.	4	St. Paul, Minn.	17	27	18	16	s. 11 e.	10
Portland, Me.	30	23	8	11	n. 23 w.	8	La Crosse, Wis.†	9	12	10	6	s. 53 e.	5
Northfield, Vt.	32	24	3	10	n. 41 w.	11	Davenport, Iowa	11	14	24	24	s. 72 e.	3
Boston, Mass.	22	18	11	28	n. 77 w.	18	Des Moines, Iowa	16	17	23	20	s. 42 e.	3
Nantucket, Mass.	22	21	12	22	n. 84 w.	10	Dubuque, Iowa	23	19	21	17	n. 75 e.	6
Block Island, R. I.	17	17	16	26	w.	10	Keokuk, Iowa	16	18	22	17	s. 68 e.	5
New Haven, Conn.	29	17	19	19	n. 37 w.	15	Cairo, Ill.	19	21	21	17	s. 63 e.	4
<i>Middle Atlantic States.</i>							<i>Missouri Valley.</i>						
Albany, N. Y.	29	18	8	19	n. 45 w.	16	Springfield, Ill.	21	24	13	20	s. 67 w.	8
Binghamton, N. Y.†	15	5	8	11	n. 17 w.	10	Hannibal, Mo.†	8	10	9	9	s. 2	2
New York, N. Y.	22	16	11	26	n. 68 w.	15	St. Louis, Mo.	18	24	15	18	s. 27 w.	7
Harrisburg, Pa.†	13	6	10	10	n.	7	<i>Northern Slope.</i>						
Philadelphia, Pa.	28	19	10	24	n. 57 w.	16	Havre, Mont.	17	15	17	31	n. 82 w.	14
Scranton, Pa.	32	17	14	13	n. 4 e.	15	Miles City, Mont.	29	14	11	21	n. 34 w.	18
Atlantic City, N. J.	21	21	7	28	w.	21	Helena, Mont.	11	24	6	36	s. 67 w.	33
Cape May, N. J.	20	21	8	24	s. 87 w.	16	Kaliispell, Mont.	7	22	13	32	s. 52 w.	24
Baltimore, Md.	17	13	15	25	n. 68 w.	11	Rapid City, S. Dak.	29	11	14	24	n. 29 w.	21
Washington, D. C.	23	17	13	24	n. 61 w.	12	Cheyenne, Wyo.	27	11	6	34	n. 60 w.	32
Lynchburg, Va.	18	20	15	27	s. 81 w.	12	Lander, Wyo.	21	22	15	20	s. 68 w.	5
Norfolk, Va.	19	25	18	17	s. 9 e.	6	North Platte, Nebr.	23	18	16	23	n. 54 w.	9
Richmond, Va.	24	24	15	15	s. 45 e.	6	<i>Middle Slope.</i>						
<i>Southern Atlantic States.</i>							<i>Southern Slope.</i>						
Charlotte, N. C.	13	29	16	20	s. 14 w.	16	Denver, Colo.	25	19	12	19	n. 49 w.	9
Hatteras, N. C.	19	20	20	18	s. 63 e.	2	Pueblo, Colo.	23	11	16	26	n. 40 w.	16
Raleigh, N. C.	20	21	12	24	s. 85 w.	12	Concordia, Kans.	17	25	14	16	s. 14 w.	8
Wilmington, N. C.	15	22	16	23	s. 45 w.	9	Dodge, Kans.	22	19	7	21	n. 53 w.	5
Charleston, S. C.	15	21	17	23	s. 45 w.	8	Wichita, Kans.	25	26	10	13	s. 72 e.	3
Columbia, S. C.	13	17	23	21	s. 27 e.	4	Oklahoma, Okla.	25	23	12	11	n. 27 e.	2
Augusta, Ga.	19	17	17	23	n. 72 w.	6	<i>Southern Plateau.</i>						
Savannah, Ga.	15	19	19	23	s. 45 w.	6	El Paso, Texas.	18	10	15	35	n. 68 w.	22
Jacksonville, Fla.	17	20	22	19	s. 45 e.	4	Santa Fe, N. Mex.	23	15	15	21	n. 37 w.	10
<i>Florida Peninsula.</i>							<i>Northern Plateau.</i>						
Jupiter, Fla.	15	29	16	12	s. 18 e.	15	Flagstaff, Ariz.	18	16	10	33	n. 81 w.	13
Key West, Fla.	21	18	37	7	n. 84 e.	30	Phoenix, Ariz.	17	14	25	27	s. 16 w.	7
Tampa, Fla.	16	17	24	17	s. 82 e.	7	Yuma, Ariz.	23	15	13	21	n. 45 w.	11
<i>Eastern Gulf States.</i>							<i>Middle Plateau.</i>						
Atlanta, Ga.	18	24	15	19	s. 34 w.	7	Independence, Cal.	27	17	6	24	n. 61 w.	21
Macon, Ga.†	9	10	8	10	s. 63 w.	2	<i>Northern Plateau.</i>						
Pensacola, Fla.†	11	9	10	6	n. 63 e.	4	Baker City, Ore.	14	28	24	13	s. 38 e.	18
Mobile, Ala.	21	26	18	11	s. 54 e.	9	Boise, Idaho	17	15	25	20	n. 68 e.	5
Montgomery, Ala.	17	19	23	14	s. 77 e.	9	Lewiston, Idaho†	2	10	20	5	s. 62 e.	17
Meridian, Miss.†	14	9	10	6	n. 39 e.	6	Pocatello, Idaho	4	33	18	24	s. 12 w.	30
Vicksburg, Miss.	19	21	25	13	s. 81 e.	12	Spokane, Wash.	11	35	14	16	s. 5 w.	24
New Orleans, La.	18	29	19	11	s. 36 e.	14	Walla Walla, Wash.	5	47	4	13	s. 12 w.	43
<i>Western Gulf States.</i>							<i>North Pacific Coast Region.</i>						
Shreveport, La.	14	20	20	21	s. 9 w.	6	Neah Bay, Wash.	2	18	24	26	s. 7 w.	16
Fort Smith, Ark.	14	11	29	21	n. 61 e.	8	Port Crescent, Wash.*	6	11	17	17	s. 45 w.	8
Little Rock, Ark.	13	20	22	20	s. 16 e.	7	Seattle, Wash.	9	27	17	13	s. 15 e.	18
Corpus Christi, Tex.	16	19	31	9	s. 82 e.	22	Tacoma, Wash.	13	36	2	25	s. 45 w.	32
Fort Worth, Tex.	20	21	17	18	s. 45 w.	1	Astoria, Ore.	13	22	13	30	s. 62 w.	19
Galveston, Tex.	17	23	29	9	s. 73 e.	21	Portland, Ore.	9	36	10	21	s. 22 w.	29
Palestine, Tex.	25	20	18	10	n. 68 e.	10	Roseburg, Ore.	4	24	14	28	s. 35 w.	24
San Antonio, Tex.	25	16	26	10	n. 61 e.	18	<i>Middle Pacific Coast Region.</i>						
Taylor, Tex.†	13	10	6	8	n. 34 w.	4	Eureka, Cal.	20	24	17	13	s. 45 e.	6
<i>Ohio Valley and Tennessee.</i>							<i>South Pacific Coast Region.</i>						
Chattanooga, Tenn.	16	22	18	18	s.	6	Mount Tamalpais, Cal.	29	13	6	32	n. 58 w.	30
Knoxville, Tenn.	23	14	14	22	n. 42 w.	12	Red Bluff, Cal.	32	18	14	10	n. 16 e.	15
Memphis, Tenn.	19	17	26	16	n. 79 e.	10	Sacramento, Cal.	16	26	18	14	s. 23 e.	11
Nashville, Tenn.	22	21	16	17	n. 45 w.	3	San Francisco, Cal.	14	12	5	46	n. 87 w.	41
Lexington, Ky.†	8	9	13	10	s. 72 e.	3	<i>West Indies.</i>						
Louisville, Ky.	16	24	23	18	s. 40 e.	8	Basseterre, St. Kitts Island.	22	5	45	2	n. 68 e.	46
Evansville, Ind.†	8	11	10	6	s. 53 e.	5	Bridgetown, Barbados	21	4	53	0	n. 72 e.	56
Indianapolis, Ind.	18	19	20	21	s. 45 w.	4	Cienfuegos, Cuba	2*	15	33	4	n. 68 e.	31
Cincinnati, Ohio	19	20	23	19	s. 76 e.	1	Grand Turk†	5	9	25	1	s. 81 e.	24
Columbus, Ohio.	18	16	17	21	n. 68 w.	5	Havana, Cuba.	11	10	46	5	n. 89 e.	41
Pittsburg, Pa.	22	21	15	20	n. 79 w.	5	Kingston, Jamaica						
Parkersburg, W. Va.	19	15	17	21	n. 45 w.	5	Port of Spain, Trinidad						
Elkins, W. Va.	9	20	6	26	s. 61 w.	23	Puerto Principe, Cuba	26	3	44	3	n. 61 e.	47
<i>Lower Lake Region.</i>							<i>San Juan, Porto Rico</i>						
Buffalo, N. Y.	12	22	15	27	s. 40 w.	16	Santiago de Cuba, Cuba	8	18	42	3	s. 76 e.	40
Oswego, N. Y.	20	21	13	19	s. 80 w.	6	Santo Domingo, W. I.	40	16	12	1	n. 25 e.	26
Rochester, N. Y.	13	21	13	30	s. 65 w.	19	Willemstad, Curaçao	5	2	50	0	n. 87 e.	59
Erie, Pa.	14	20	11	31	s. 73 w.	21	<i>Upper Lake Region.</i>						
Cleveland, Ohio.	14	25	18	20	s. 10 w.	11	Alpena, Mich.	25	18	18	14	n. 30 e.	8
Sandusky, Ohio.	9	10	9	14	s. 79 w.	5	Escanaba, Mich.	27	17	12	16	n. 23 w.	11
Toledo, Ohio.	14	19	17	25	s. 58 w.	9	Grand Haven, Mich.	20	20	20	17	e.	3
Detroit, Mich.	19	17	17	23	n. 68 w.	5	Houghton, Mich.†	3	8	14	8	s. 50 e.	8
<i>Upper Lake Region.</i>							<i>West Indies.</i>						
Alpena, Mich.	25	18	18	14	n. 30 e.	8	Basseterre, St. Kitts Island.	22	5	45	2	n. 68 e.	46
Escanaba, Mich.	27	17	12	16	n. 23 w.	11	Bridgetown, Barbados	21	4	53	0	n. 72 e.	56
Grand Haven, Mich.	20	20	20	17	e.	3	Cienfuegos, Cuba	2*	15	33	4	n. 68 e.	31
Houghton, Mich.†	3	8	14	8	s. 50 e.	8	Grand Turk†	5	9	25	1	s. 81 e.	24
Marquette, Mich.	24	20	10	24	n. 74 w.	16	Havana, Cuba.	11	10	46	5	n. 89 e.	41
Port Huron, Mich.	23	22	14	19	n. 79 w.	5	Kingston, Jamaica						
Sault Ste. Marie, Mich.	15	16	24	20	s. 76 e.	4	Port of Spain, Trinidad						
Chicago, Ill.	18	22	19	17	s. 27 e.	4	Puerto Principe, Cuba	26	3	44	3	n. 61 e.	47
Milwaukee, Wis.	23	18	14	19	n. 45 w.	7	Roseau, Dominica, W. I.						
Green Bay, Wis.	23	19	20	16	n. 45 e.	6	San Juan, Porto Rico	8	18	42	3	s. 76 e.	40
Duluth, Minn.	28	12	20	19	n. 3 e.	16	Santiago de Cuba, Cuba	40	16	12	1	n. 25 e.	26
<i>North Dakota.</i>							<i>Upper Lake Region.</i>						
Moorhead, Minn.	19	26	17	17	s.	7	Alpena, Mich.	25	18	18	14	n. 30 e.	8
Bismarck, N. Dak.	24	11	23	19	n. 17 e.	14	Escanaba, Mich.	27	17	12	16	n. 23 w.	11
Williston, N. Dak.	30	18	13	12	n. 5 e.	12	Grand Haven, Mich.	20	20	20	17	e.	3

*From observations at 8 p. m. only.

†From observations at 8 a. m. only.

TABLE IV.—Thunderstorms and auroras, March, 1902.

States.	No. of stations.	Days																															Total.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No.	Days.				
Alabama.....	82	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	76	18	T
Arizona.....	56	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	6	4	T
Arkansas.....	57	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	70	14	T
California.....	167	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	22	9	T
Colorado.....	81	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	18	8	T
Connecticut.....	21	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	6	5	T
Delaware.....	5	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	0	T
Dist. of Columbia.....	4	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	1	1	T
Florida.....	47	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	57	13	T
Georgia.....	55	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	85	10	T
Idaho.....	34	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	1	0	T
Illinois.....	92	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	105	15	T
Indiana.....	58	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	73	11	T
Indian Territory.....	11	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	17	8	T
Iowa.....	149	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	120	3	T
Kansas.....	77	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	13	5	T
Kentucky.....	41	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	52	13	T
Louisiana.....	46	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	60	17	T
Maine.....	19	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	11	0	T
Maryland.....	48	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	57	9	T
Massachusetts.....	48	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	2	2	T
Michigan.....	106	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	35	8	T
Minnesota.....	67	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	14	4	T
Mississippi.....	44	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	110	9	T
Missouri.....	95	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	153	16	T
Montana.....	40	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	0	T
Nebraska.....	142	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	126	18	T
Nevada.....	40	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	2	2	T
New Hampshire.....	19	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	1	T
New Jersey.....	51	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	57	7	T
New Mexico.....	31	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	6	T
New York.....	99	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	36	10	T
North Carolina.....	56	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	75	1	T
North Dakota.....	48	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	15	7	T
Ohio.....	128	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	108	1	T
Oklahoma.....	23	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	30	10	T
Oregon.....	74	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	1	5	T
Pennsylvania.....	91	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	40	9	T
Rhode Island.....	7	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	0	T
South Carolina.....	46	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	53	9	T
South Dakota.....	56	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	15	4	T
Tennessee.....	56	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	98	4	T
Texas.....	95	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	87	1	T
Utah.....	47	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	2	T
Vermont.....	16	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	0	0	T
Virginia.....	50	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	30	7	T
Washington.....	64	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	5	2	T
West Virginia.....	43	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	51	1	T
Wisconsin.....	60	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	20	5	T
Wyoming.....	31	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	15	7	T
Sums.....	2,893	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	2,036	22	T

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during March, 1902, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.															
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.		
Albany, N. Y.	12			0.81																			*
Alpena, Mich.	12			0.66																			*
Atlanta, Ga.	12	3:25 p. m.	5:00 p. m.	0.76	3:30 p. m.	3:50 p. m.	0.02	0.08	0.22	0.40	0.53	0.57	0.61	0.64	0.66							*	
Atlantic City, N. J.	4-5			2.03																			0.71
Baltimore, Md.	28-29			0.90																			0.24
Binghamton, N. Y.	5			0.83																			*
Bismarck, N. Dak.	25-26			1.08																			*
Boise, Idaho.	2			0.24																			0.11
Boston, Mass.	16-17			0.70																			0.35
Buffalo, N. Y.	28-29			0.45																			0.08
Cairo, Ill.	26			0.55																			0.35
Charleston, S. C.	16	1:19 p. m.	7:36 p. m.	2.07	2:17 p. m.	2:35 p. m.	0.05	0.16	0.34	0.44	0.51											1.22	
Charlotte, N. C.	29			0.81	3:15 p. m.	4:15 p. m.	0.69	0.13	0.32	0.50	0.69	0.75	0.85	0.98	1.01	1.06	1.12					0.42	
Chattanooga, Tenn.	28	3:25 p. m.	11:59 p. m.	1.39	7:15 p. m.	7:40 p. m.	0.08	0.04	0.27	0.64	0.82	0.90	0.92									*	
Chicago, Ill.	11-12			2.09																			*
Cincinnati, Ohio	28			0.43																			0.15
Cleveland, Ohio.	11			0.63																			0.19
Columbia, Mo.	11-12			1.62																			0.33
Columbia, S. C.	29	3:00 a. m.	10:20 a. m.	1.96	3:24 a. m.	4:00 a. m.	0.09	0.28	0.50	0.63	0.71	0.82	0.91	0.99	1.02	1.06	1.11					1.18	
Columbus, Ohio.	12			0.29																			0.26
Corpus Christi, Tex.	11			0.04									0.04										*
Davenport, Iowa	11-12			0.99																			*
Denver, Colo.	28-29			0.42																			*
Des Moines, Iowa	10-11			0.25																			0.24
Detroit, Mich.	30			0.46																			0.52
Dodge, Kans.	20-21			0.90																			*
Duluth, Minn.	15-16			0.19																			*
Eastport, Me.	17-18			2.69																			0.29
Elkins, W. Va.	16			0.46																			0.31
Erie, Pa.	28-29			0.16																			0.07
Esanaba, Mich.	15			0.31																			0.14
Evansville, Ind.	28			0.64																			0.39
Fort Smith, Ark.	26	1:42 a. m.	4:57 a. m.	1.47	2:35 a. m.	3:35 a. m.	0.11	0.09	0.11	0.20	0.25	0.40	0.55	0.74	0.94	1.09	1.13					1.28	
Fort Worth, Tex.	11			1.50																			*
Galveston, Tex.	11-12			0.50																			0.46
Grand Junction, Colo.	14			0.16																			0.08
Green Bay, Wis.	10-11			1.21																			*
Harrisburg, Pa.	30			0.28																			0.27
Hatteras, N. C.	8-9			0.68																			0.35
Helena, Mont.	2-3			0.18																			*
Huron, S. Dak.	25-26			0.82																			0.17
Indianapolis, Ind.	15-16			0.68																			0.37
Jacksonville, Fla.	16	4:55 p. m.	11:59 p. m.	1.30	5:30 p. m.	6:15 p. m.	0.01	0.07	0.38	0.49	0.56	0.60	0.62	0.65	0.71	0.75	0.79					0.83	
Jupiter, Fla.	2			0.34																			*
Kalispell, Mont.	14			0.12																			*
Kansas City, Mo.	26			0.44																			0.26
Key West, Fla.	5			0.16																			0.10
Knoxville, Tenn.	28-29			2.76																			0.53
Le Crosse, Wis.	10-11			0.52																			0.11
Lewiston, Idaho.	20-21			0.41																			0.12
Lexington, Ky.	12			0.78																			0.45
Lincoln, Nebr.	14-15			0.12																			0.09
Little Rock, Ark.	25-26			1.37																			0.75
Los Angeles, Cal.	2			0.95																			0.30
Louisville, Ky.	28-29			0.50																			0.11
Macon, Ga.	16	12:05 a. m.	12:30 p. m.	2.12	9:40 a. m.	10:05 a. m.	0.98	0.19	0.27	0.41	0.79	0.88	0.90									*	
Memphis, Tenn.	26	D. N.	11:55 a. m.	1.78	9:40 a. m.	10:30 a. m.	0.59	0.07	0.12	0.16	0.19	0.25	0.43	0.61	0.76	1.01	1.09					1.11	
Meridian, Miss.	26-27	7:35 p. m.	D. N.	2.77	7:38 p. m.	9:10 p. m.	T.	0.24	0.41	0.50	0.58	0.64	0.73	0.81	0.84	0.91	0.95					1.24	
	27-28	8:40 p. m.	D. N.	1.02	9:30 p. m.	9:55 p. m.	0.07	0.08	0.22	0.51	0.81	0.90										1.54	
	11-12			1.27																			1.72
Milwaukee, Wis.	11-12			1.27																			0.17
Montgomery, Ala.	16	5:16 a. m.	9:26 a. m.	1.59	6:20 a. m.	6:55 a. m.	0.13	0.15	0.33	0.54	0.62	0.77	0.94	1.04								0.29	
Nantucket, Mass.	17-18			1.34																			0.47
Nashville, Tenn.	28			3.67																			0.20
New Haven, Conn.	8-9			1.63																			0.21
New Orleans, La.	14	D. N.	9:15 p. m.	3.11	2:00 p. m.	2:35 p. m.	1.53	0.08	0.19	0.37	0.55	0.61	0.76	0.81								0.81	
New York, N. Y.	6			0.65																			0.23
Norfolk, Va.	17	2:30 a. m.	8:15 p. m.	1.22	4:48 a. m.	5:45 a. m.	0.34	0.11	0.22	0.33	0.38	0.48	0.55	0.60	0.67	0.71	0.74					0.23	
Northfield, Vt.	2-3			1.65																			0.13
Oklahoma, Okla.	25	7:20 p. m.	11:00 p. m.	1.34	8:00 p. m.	8:55 p. m.	0.03	0.09	0.39	0.42	0.42	0.44	0.46	0.46	0.55	0.89	1.07					1.13	
Omaha, Nebr.	11			0.19																			0.38
Parkersburg, W. Va.	12			0.55																			0.21
Philadelphia, Pa.	28-29			0.62																			*
Pittsburg, Pa.	5			1.50																			*
Pocatello, Idaho.	19			0.22																			0.36
Portland, Me.	9			1.79																			0.21
Portland, Oreg.	4-5			1.98																			0.30
Pueblo, Colo.	28-29			0.48																			0.26
Raleigh, N. C.	5			0.38																			0.09
Richmond, Va.	5			0.54																			0.65
Rochester, N. Y.	28-29			0.38																			0.05
St. Louis, Mo.	28			1.62																			0.25
St. Paul, Minn.	10-11			0.19																			0.14
Salt Lake City, Utah	21			0.24																			0.33
San Diego, Cal.	2			0.40																			0.66
Sandusky, Ohio.	28-29			0.84																			*
San Francisco, Cal.	5-6			0.76																			0.33
Savannah, Ga.	14-15			2.52																			0.86
Soranton, Pa.	5-6			1.28																			*
Seattle, Wash.	7-8			1.07																			0.13
Spokane, Wash.	6-7			0.20																			

TABLE VII.—Heights of rivers referred to zeros of gages, March, 1902.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.									
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.											
<i>Mississippi River.</i>																										
St. Paul, Minn. ¹	1,954	14	2.8	27	1.1	10	2.0	1.7	<i>Tennessee River.—Cont'd.</i>									255	16	22.5	29	7.1	27	13.8	15.4	
Reeds Landing, Minn.	1,884	12	2.4	31	-0.1	1	1.3	21.5	Florence, Ala.	225	25	33.2	10	9.7	27	21.7	21.5	Riverton, Ala.	95	24	34.4	31	12.0	27,28	22.9	22.4
La Crosse, Wis.	1,819	12	4.7	3	2.6	19	3.8	21.1	<i>Cumberland River.</i>									516	50	65.0	29	4.7	28	17.3	60.3	
Prairie du Chien, Wis. ¹	1,759	18	5.5	14	3.5	22	4.3	21.0	Burnside, Ky.	305	40	50.4	31	5.8	27	19.2	21.7	Carthage, Tenn.	189	40	44.7	31	9.9	27	23.4	34.8
Dubuque, Iowa ¹	1,639	15	7.1	12	3.5	21,22	5.0	3.6	Nashville, Tenn.	126	42	48.6	31	13.4	28	28.4	35.2	<i>Arkansas River.</i>								
Leclaire, Iowa ²	1,609	10	4.6	14	1.9	22,23	3.2	2.7	Wichita, Kans.	832	10	2.0	1	1.4	29-31	1.5	0.6	<i>White River.</i>								
Muscatine, Iowa	1,593	15	7.1	7	3.2	24	4.7	3.9	Webbers Falls, Ind. T.	465	23	14.7	14	2.1	10	5.0	12.6	<i>Yazoo River.</i>								
Galland, Iowa ⁴	1,472	8	3.2	16,17	1.6	26	2.5	1.6	Fort Smith, Ark.	403	22	15.1	14	2.4	11	6.2	12.7	<i>Red River.</i>								
Keokuk, Iowa ⁴	1,463	15	6.0	5	2.5	25-27	3.9	3.5	Dardanelle, Ark.	256	21	14.8	15	2.5	2	6.3	12.3	<i>Arthur City, Tex.</i>								
Hannibal, Mo. ⁵	1,402	13	5.8	17,18	3.2	27,28	4.7	21.6	Little Rock, Ark.	176	23	16.0	16	6.2	12	9.0	10.8	<i>Fulton, Ark.</i>								
Grafton, Ill.	1,306	23	8.6	14	2.7	1,3,4	6.4	5.9	<i>Potomac River.</i>									290	8	11.5	1	3.7	27	5.6	7.8	
St. Louis, Mo.	1,264	30	13.4	17	3.8	1	8.6	9.6	<i>James River.</i>									172	18	27.0	2	4.0	26-29	9.7	23.0	
Chester, Ill.	1,189	30	10.3	18	2.6	1	6.7	7.7	Lynchburg, Va.	260	18	19.0	2	0.9	26	4.4	18.1	<i>Roanoke River.</i>								
New Madrid, Mo.	1,003	34	33.2	17,18	13.8	1	27.5	19.4	Weldon, N. C.	129	30	38.9	1	10.7	28	18.1	28.2	<i>Cape Fear River.</i>								
Memphis, Tenn.	843	33	30.8	20,21	6.6	1	24.1	24.2	Fayetteville, N. C.	112	38	41.7	2	7.2	28	16.3	34.5	<i>Edisto River.</i>								
Helena, Ark.	767	42	39.6	23,24	10.6	1	31.7	29.0	Edisto, S. C.	75	6	5.8	5	3.7	28	4.4	2.1	<i>Pedee River.</i>								
Arkansas City, Ark.	635	42	41.4	28,29	12.4	1	32.1	29.0	Cheraw, S. C.	149	27	30.9	3	4.9	28	12.7	26.0	<i>Black River.</i>								
Greenville, Miss.	595	42	36.0	29	10.7	1	27.3	25.3	Kingstree, S. C.	52	12	10.0	5,6	7.3	31	8.6	2.7	<i>Lynch Creek.</i>								
Vicksburg, Miss.	474	45	40.8	30,31	12.9	3	29.3	27.9	Effingham, S. C.	35	12	13.2	7	6.3	29	9.4	6.9	<i>Santee River.</i>								
New Orleans, La.	108	16	14.0	30	5.2	7	9.6	8.8	St. Stephens, S. C.	97	12	15.0	9	8.8	1	0.9	6.7	<i>Congaree River.</i>								
<i>Missouri River.</i>																										
Bismarck, N. Dak.	1,309	14	9.6	19,20	2.6	1	7.3	7.0	Columbia, S. C.	37	15	22.0	2	2.5	28	6.3	19.5	<i>Waterlee River.</i>								
Pierre, S. Dak. ¹	1,114	14	9.8	20	3.5	13	5.6	6.3	Camden, S. C.	45	24	29.5	2	9.1	28	15.4	20.4	<i>Waccamaw River.</i>								
Sioux City, Iowa ²	784	19	11.4	31	4.7	19	7.3	6.7	Conway, S. C.	40	7	7.2	13	5.0	20,31	6.2	2.2	<i>Savannah River.</i>								
Omaha, Nebr.	669	18	9.3	31	5.2	21	7.1	4.1	Calhoun Falls, S. C.	347	15	16.0	1	3.7	12,26,27	5.1	12.3	<i>Roanoke River.</i>								
Plattsmouth, Nebr.	641	17	7.7	5	2.9	21	4.9	4.8	Augusta, Ga.	268	32	34.6	1	11.8	27,28	17.6	22.8	<i>Broad River.</i>								
St. Joseph, Mo.	481	10	4.8	30	1.0	23	3.0	3.8	Carlton, Ga.	30	11	23.2	1	3.5	25-27	5.8	19.7	<i>Flint River.</i>								
Kansas City, Mo.	388	21	11.8	31	7.5	25	9.4	4.3	Albany, Ga.	80	20	22.2	7	7.2	31	12.6	15.0	<i>Chattahoochee River.</i>								
Boonville, Mo.	199	20	9.3	14	6.2	3	7.7	3.1	Westpoint, Ga.	239	20	20.0	1	4.9	12,23	9.1	15.1	<i>Ocmulgee River.</i>								
Hermann, Mo.	103	24	11.4	15,16	4.3	1	7.4	7.1	Macon, Ga.	125	18	22.8	1	7.5	13	11.6	15.3	<i>Oconee River.</i>								
<i>Osage River.</i>																										
Bagnell, Mo.	70	28	17.7	14	2.4	11	6.3	15.3	Dublin, Ga.	79	30	25.8	5	6.0	14	14.4	19.8	<i>Coosa River.</i>								
<i>Illinois River.</i>																										
Peoria, Ill.	135	14	12.3	20-22	8.4	1	10.9	3.9	Rome, Ga.	271	30	29.3	1	4.2	27	11.6	25.1	<i>Alabama River.</i>								
<i>Youghiogheny River.</i>																										
Confuence, Pa.	59	10	9.9	1	1.7	28	4.0	8.2	Gadsden, Ga.	144	18	22.7	6	5.8	26,27	13.3	16.9	<i>Montgomery, Ala.</i>								
West Newton, Pa.	15	23	21.0	1	1.9	28	5.9	19.1	Selma, Ala.	212	35	48.9	31	19.2	15	33.6	29.7	<i>Selma, Ala.</i>								
<i>Allegheny River.</i>																										
Warren, Pa.	177	14	13.5	2	2.2	30,31	5.7	11.3	<i>Tombigbee River.</i>									303	33	30.6	31	3.5	23	9.6	27.1	
Oil City, Pa.	123	13	15.4	1	2.7	28,29	6.3	12.7	Columbus, Miss.	155	35	55.6	31	24.0	24	33.9	31.6	<i>Black Warrior River.</i>								
Parker, Pa.	73	20	19.5	1	2.5	28	6.8	17.0	Tuscaloosa, Ala.	90	43	60.6	29	13.8	24	31.0	46.8	<i>Brazos River.</i>								
<i>Monongahela River.</i>																										
Weston, W. Va.	161	18	8.3	9	0.0	22-28	1.2	8.3	Kopperl, Tex.	369	21	4.4	15	-1.6	1-11	-0.2	6.0	<i>Red River of the North.</i>								
Fairmont, W. Va.	119	25	15.0	1	2.0	28-29	5.3	13.0	Waco, Tex.	301	22	5.4	16	0.9	1-12	2.8	4.5	<i>Columbia River.</i>								
Greensboro, Pa.	81	18	22.7	1	8.1	28	11.3	14.6	Booth, Tex.	76	39	8.0	22	-0.6	1-17	0.6	3.6	<i>Unatilla, Ore.</i>								
Lock No. 4, Pa.	40	28	30.0	1	7.6	28	13.5	22.4	<i>The Dalles, Ore.</i>									166	40	7.9	1	3.4	31	5.2	4.5	
<i>Conemaugh River.</i>																										
Johnstown, Pa.	64	7	10.8	1	2.6	26-28	4.7	8.2	<i>Willamette River.</i>									118	20	13.4	1	6.2	29	8.4	7.2	
<i>Red Bank Creek.</i>																										
Brookville, Pa.	35	8	6.7	1	0.2	27-31	1.7	6.5	Albany, Ore.	12	15	10.0	1,2	4.2	31	7.4	5.8	<i>Sacramento River.</i>								
<i>Beaver River.</i>																										
Elwood Junction, Pa.	10	14	10.0	1	4.2	27	5.0	5.8	Red Bluff, Cal.	265	23	16.6	1	4.7	30,31	9.3	11.9	<i>Sacramento, Cal.</i>								
<i>Great Kanawha River.</i>																										
Charleston, W. Va.	58	30	37.0	1	5.7	27	11.8	31.3	Sacramento, Cal.	64	29	28.2	1	20.5	31	23.3	7.7									
<i>Little Kanawha River.</i>																										
Glenville, W. Va.	103	20	12.4	9	0.0	27,28	2.8	12.4																		
<i>New River.</i>																										
Hinton, W. Va.	95	14	17.0	1	2.9	28	5.4	14.1																		
<i>Cheat River.</i>																										
Rowlesburg, W. Va.	36	14	10.0	1	2.6	26-28	4.9	7.4																		
<i>Ohio River.</i>																										
Pittsburg, Pa.	966	22	32.4	1	4.3	28	12.2	28.1																		
Davis Island Dam, Pa.	960	25	29.0	2	6.6	28	12.7	22.4																		
Wheeling, W. Va.	875	36	32.0	2,3	7.9	28	18.8	34.1																		
Parkersburg, W. Va.	785	36	40.0	4	8.0	27,28	20.2	32.0																		
Point Pleasant, W. Va.	703	39	46.3	3	10.0	29	27.5	36.3																		
Huntington, W. Va.	660	50	49.5	3	13.8	29	32.5	35.7																		
Catlettsburg, Ky.	651	50	50.7	3	13.7	28,29	33.5	37.0																		
Portsmouth, Ohio	612	50	50.4	3	14.3	29	34.6	36.1																		
Cincinnati, Ohio	499	50	50.9	5	16.4	29	37.2	34.5																		
Madison, Ind.	413	46	41.8	8	15.7	29	32.1	26.1																		
Louisville, Ky.	367	28	24.8	9	7.7	30	15.9	17.1																		
Evansville, Ind.	184	35	40.0	11	16.1	1	31.5	23.9																		
Paducah, Ky.	47	40	39.7	15,16	16.1	1	31.3	23.6																		
Cairo, Ill.	1,073	45	42.2	17	18.4	1	34.8	23.8																		
<i>Muskingum River.</i>																										
Zanesville, Ohio	70	20	16.0	1	7.1	27,28	10.7	8.9																		
<i>Scioto River.</i>																										
Columbus, Ohio ⁶	110	17	4.4	1	2.0	28	2.8	2.4																		
<i>Miami River.</i>																										
Dayton, Ohio	77	18	2.6	31	1.1	6,7	1.6	1.5																		
<i>Wabash River.</i>																										
Mount Carmel, Ill.	50	15	11.8	4	4.3	29	8.0	7.5																		
<i>Licking River.</i>																										
Falmouth, Ky.	30	25	15.0	10	4.0	6	7.8	11.0																		
<i>Kentucky River.</i>																										
Frankfort, Ky.	65	31	19.4	31	7.0	26-28	11.1	12.4																		
<i>Cinch River.</i>																										
Spears Ferry, Va.	156	20	23.6	1	0.6	27,28	4.3	23.0																		
Clinton, Tenn.	52	25	32.5	2	6.2	28	14.5	26.3																		
<i>Holston River.</i>																										
Rogersville, Tenn. ⁷	103	14	10.6	30	2.9	28	4.5	7.7																		
<i>French Broad River.</i>																										
Leadvale, Tenn. ⁷	70	15	7.0	29	0.4	26-28	2.2	6.6																		
<i>Tennessee River.</i>																										
Knoxville, Tenn.	635	29	36.1	1	3.9	28	10.0	32.2																		